IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

INVENTORS:

Noah Syroid

Dwayne R. Westenskow

Julio C. Bermudez James Agutter

ASSIGNEE:

University of Utah

SERIAL NUMBER:

n/a

DATE FILED:

n/a

TITLE:

METHOD AND APPARATUS FOR MONITORING

ANESTHESIA DRUG DOSAGES, CONCENTRATIONS AND EFFECTS USING N-DIMENSIONAL REPRESENTATIONS OF

CRITICAL FUNCTIONS

ATTORNEY DOCKET:

4314 P

Assistant Commissioner for Patents Box PATENT APPLICATION Washington, DC 20231

INFORMATION DISCLOSURE STATEMENT

Honorable Assistant Commissioner:

Applicants' attorneys performed a patent search with regard to the present invention. Applicants have identified all materials that they are aware of which may be either prior art to the invention or that may be relevant to the background of the invention. All such materials known to Applicants and Applicants' attorneys are identified on the PTO-1449 attached hereto. A copy of all such materials shall be submitted as soon as clean copies are available. Applicants believed their invention is patentable over these materials.

__day of

takes.

2000,

Lloyd W. Sadler Reg. No. 40,154

MCCARTHY & SADLER, LC 39 Exchange Place, Suite 100 Salt Lake City, Utah 84111

Telephone: (801) 323-9399 Facsimile: (801) 323-9396



					ATTY DOCKET NO. 4314 P	SERIAL NO.				
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)					Syroid et al	\$6.5°				
		`			FILING 10 October 2000		GROUP	n/a	9	
	EK916940725US			U.S. PATENT DOCUMENTS						
*EXAMINER	DOCUMENT NUMBER		DATE	NAME		CLASS	SUBCLASS	FILING DA		
		4,671,953	06/09/87	Stanley et al.		424	440		05/01/85	
		4,885,173	12/05/89	Stanley	et al.	424	440 06/08		7	
	4,926,868 5,484,602 5,485,850 5,651,775 5,680,590 5,873,731 5,875,108 5,901,246 5,925,014		05/22/90	/96 Stanley et al. /96 Dietz /97 Walker et al. /97 Parti /99 Prendergast		128	653 R	653 R 04/15/87 440 01/20/95		
			01/16/96			424	440			
			01/23/96			128 716		08/13/93		
			07/29/97			604	207	07/12/95 09/05/95		
			10/21/97			395	500			
			02/23/99			434	262 10/17/9		6	
			02/23/99			364	146	06/06/9	06/06/95	
<u>.</u>			05/04/99	Hoffber	g et al.	382	209	06/06/95		
			07/20/99	07/20/99 Teeple Jr.		604	51	04/25/94		
			FORE	EIGN PATE	NT DOCUMENTS					
		DOCUMENT NUMBER	DATE	COUNTRY		CLASS	SUBCLASS	TRANSLATION YES NO		
								163	NO	
										
							<u> </u>		-	
				<u></u>						
						<u> </u>				
			1	<u> </u>					<u> </u>	
		OTHER DOCUM	ENTS (Includii	ng Author	r, Title, Date, Pertinent I	Pages, Etc	.)			
								_		
EXAMINE	<u> </u>				DATE CONSIDERED					
*EXAMINE considered	R: Initia	al if reference considered, wheth de copy of this form with next co	ner or not citation is ommunication to ap	in conform	nance with MPEP 609; Draw	line through o	citation if not in co	onformanc	e and not	

Form PTO-A820 (also form PTO-1449)

S.957,860 09/28/99 Rodiera Olive 600 546 07/30/96						4314 I	n/a				
10 October 2000	I				Syroid et al						
U.S. PATENT DOCUMENT											
S.957,860 09/28/99 Rodiera Olive 600 546 07/30/96				U.	S. PATENT					···	
S,957,860	*EXAMINER		DOCUMENT NUMBER			NAME CL		SUBCLASS			
FOREIGN PATENT DOCUMENTS FOREIGN PATENT DOCUMENTS DOCUMENT NUMBER DATE COUNTRY CLASS SUBCLASS TRANSLATION YES NO OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) EXAMINER DATE CONSIDERED	INTIAL	5,95	57,860	09/28/99	Rodiera	Olive	600	546	546 07/30/96		
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) DATE CONSIDERED EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not		6,04	12,548	02/28/00	Giuffre		600	483			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) DATE CONSIDERED EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not		=									
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) DATE CONSIDERED EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not											
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) DATE CONSIDERED EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not											
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) DATE CONSIDERED EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not											
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) DATE CONSIDERED EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not											
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) DATE CONSIDERED EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not											
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) DATE CONSIDERED EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not											
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) DATE CONSIDERED EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not										-	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) DATE CONSIDERED EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not											
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not		•		FOR	EIGN PATE	NT DOCUMENTS					
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not			DOCUMENT NUMBER	DATE	COUNTRY		CLASS	CLASS SUBCLASS			
EXAMINER DATE CONSIDERED EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not											
EXAMINER DATE CONSIDERED EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not											
EXAMINER DATE CONSIDERED EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not											
EXAMINER DATE CONSIDERED EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not											
EXAMINER DATE CONSIDERED EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not			•								
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not			OTHER DOCUM	MENTS (Includi	ing Author	r, Title, Date, Pertin	ent Pages, Etc.)			
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not											
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not											
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not											
	EXAMINER				DATE CONSIDERED						
considered. Include copy of this form with next communication to applicant.						I nance with MPEP 609; D	Praw line through c	itation if not in co	onformance	and not	

Form PTO-A820 (also form PTO-1449)